

June 25, 2002

Stan Woszczynski
Cummins Industrial Center
800 East Third Street
Seymour, Indiana 47274

Re: **071-15679**
Third Significant Permit Modification to
Part 70 No.: T 071-7669-00015

Dear Mr. Woszczynski:

Cummins Industrial Center was issued a permit on January 9, 2001 for a manufacturing, testing and painting internal combustion engines source. A letter requesting changes to this permit was received on February 26, 2002. Pursuant to the provisions of 326 IAC 2-7-12(d), a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The existing test cells were only permitted to burn diesel oil. Cummins Industrial Center has requested that three (3) of the cells be permitted to burn natural gas in addition to diesel oil. These test cells are 808, PI and HHP4. In addition, the horsepower rating of test cells 804, 805 and 808 has been corrected from 1,350 to 1,500. This does not change any previous emission calculations because the potential to emit was based upon the maximum fuel usage, which has not been revised in the application. Furthermore, the source is retaining the existing 250 ton per year NO_x emission limit to render the requirements of 326 IAC 2-2 not applicable.

The changes in the Part 70 Operating Permit are documented in the Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire Title V Operating Permit, with all modifications and/or amendments made to it, is being provided.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Frank Castelli, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
FPC/MES

cc: File - Jackson County
U.S. EPA, Region V
Jackson County Health Department
Air Compliance Section Inspector - Joe Foyst
Compliance Data Section - Karen Nowak
Administrative and Development - Lisa Lawrence
Technical Support and Modeling - Michelle Boner

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Cummins Industrial Center
800 East Third Street
Seymour, Indiana 47274**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 071-7679-00015	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: January 9, 2001 Expiration Date: January 9, 2006

First Significant Permit Modification SPM 071-14023, issued on May 15, 2001

Second Significant Permit Modification SPM 071-14467-00015 issued on November 7, 2001

Third Significant Permit Modification SPM 071-15679-00015	Conditions Affected: A.2, D.2.1, D.2.3, D.2.4 & the Quarterly Report Form
Issued by: Original Signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: June 25, 2002

TABLE OF CONTENTS

A SOURCE SUMMARY

- A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]
- A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(15)]
- A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]
- A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

B GENERAL CONDITIONS

- B.1 Definitions [326 IAC 2-7-1]
- B.2 Permit Term [326 IAC 2-7-5(2)]
- B.3 Enforceability [326 IAC 2-7-7]
- B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]
- B.5 Severability [326 IAC 2-7-5(5)]
- B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]
- B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]
[326 IAC 2-7-6(6)]
- B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]
- B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]
- B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]
- B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1)and(6)]
[326 IAC 1-6-3]
- B.12 Emergency Provisions [326 IAC 2-7-16]
- B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]
- B.14 Multiple Exceedances [326 IAC 2-7-5(1)(E)]
- B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]
- B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]
- B.17 Permit Renewal [326 IAC 2-7-4]
- B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]
- B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-5(12)(b)(2)]
- B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]
- B.21 Source Modification Requirement [326 IAC 2-7-10.5]
- B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2]
- B.23 Transfer of Ownership or Operation [326 IAC 2-7-11]
- B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

C SOURCE OPERATION CONDITIONS

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- C.1 Particulate Matter Emission Limitations For Processes with Process Weight
Rates Less Than One Hundred (100) Pounds Per Hour [326 IAC 6-3-2(c)]
- C.2 Opacity [326 IAC 5-1]
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
- C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
- C.6 Operation of Equipment [326 IAC 2-7-6(6)]
- C.7 Stack Height [326 IAC 1-7]
- C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

Testing Requirements [326 IAC 2-7-6(1)]

C.9 Performance Testing [326 IAC 3-6]

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)] [40 CFR60] [40 CFR63]

C.12 Monitoring Methods [326 IAC 3]

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

C.15 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5]
[326 IAC 2-7-6]

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1 FACILITY OPERATION CONDITIONS: Surface Coating Booth EU-01

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

D.1.2 Particulate Matter (PM) [326 IAC 6-3-2]

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

D.1.4 Volatile Organic Compounds (VOC)

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.5 Particulate Matter (PM)

D.1.6 Monitoring

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.7 Record Keeping Requirements

D.2 FACILITY OPERATION CONDITIONS: Engine Test Cell, EU-02

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

D.2.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.3 Visible Emissions Notations

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.2.4 Record Keeping Requirements
- D.2.5 Reporting Requirements

D.3 FACILITY OPERATION CONDITIONS: Boilers, EU-03

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.3.1 Particulate Matter Limitation (PM) [326 IAC 6-2-3]
- D.3.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1] [326 IAC 7-2-1]
- D.3.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.3.4 Sulfur Dioxide Emissions and Sulfur Content

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

- D.3.5 Visible Emissions Notations

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.3.6 Record Keeping Requirements
- D.3.7 Reporting Requirements

D.4 FACILITY OPERATION CONDITIONS: Insignificant Activities

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.4.1 Particulate Matter (PM) [326 IAC 6-3-2]
- D.4.2 Volatile Organic Compounds (VOC)
- D.4.3 Volatile Organic Compounds (VOC)
- D.4.4 Standards of Performance for Volatile Organic Liquid Storage Vessels [326 IAC 12]
[40 CFR 60.116b]

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.4.5 Standards of Performance for Volatile Organic Liquid Storage Vessels [326 IAC 12]
[40 CFR 60.116b]

Certification

Emergency Occurrence Report

Natural Gas-Fired Boiler Certification

Quarterly Report

Quarterly Deviation and Compliance Monitoring Report

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary manufacturing, testing and painting internal combustion engines source.

Responsible Official:	Stan Woszczynski
Source Address:	800 East Third Street, Seymour, Indiana 47274
Mailing Address:	800 East Third Street, Seymour, Indiana 47274
SIC Code:	3519
County Location:	Jackson
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) paint spray line, known as EU-01, consisting of the following equipment:
 - (1) One (1) primer spray booth, known as EU-01A, installed in 1986, equipped with dry filters for overspray control, exhausted through Stacks S1 and S2, capacity: three (3) engines per hour.
 - (2) One (1) touch-up spray booth, known as EU-01C, installed in 1986, equipped with dry filters for overspray control, exhausted through Stacks S5 and S6, capacity: three (3) engines per hour.
 - (3) One (1) offline spray booth, known as EU-01D, installed in 1986, equipped with dry filters for overspray control, exhausted through Stack S7, capacity: 0.67 engines per hour.
 - (4) One (1) small parts spray booth, known as EU-01F, installed in 1986, equipped with dry filters for overspray control, exhausted through Stacks S8, capacity: three (3) engines per hour.
- (b) Six (6) production engine test cells, known as EU-02A, installed in 1978, capacity: 142.14 gallons of diesel fuel per hour, total, consisting of the following equipment:
 - (1) Three (3) diesel-powered production engine test cells, known as 801, 802, and 803, exhausted through Stacks 801, 802, and 803, respectively, maximum output 765 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.

- (2) Two (2) diesel-powered production engine test cells, known as 804 and 805, exhausted through Stacks 804 and 805, respectively, maximum output 1,500 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
- (3) One (1) diesel-powered or natural gas-fired production engine test cell, known as 808, exhausted through Stack 808, maximum output 1,500 horsepower on diesel oil or natural gas and heat input of 3.08 million British thermal units per hour on diesel oil or 2.68 million British thermal units per hour on natural gas, capacity: 23.69 gallons of diesel fuel per hour.
- (c) Eight (8) engineering engine test cells, known as EU-02B, installed in 1978, capacity: 314.4 gallons of diesel fuel per hour, total, consisting of the following equipment:
 - (1) Two (2) diesel-powered engineering engine test cells, known as 806 and 807, exhausted through Stacks 806 and 807, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (2) Two (2) diesel-powered engineering engine test cells, known as HHP1 and HHP2, exhausted through Stacks HHP1 and HHP2, respectively, maximum output 3,600 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (3) One (1) diesel-powered engineering engine test cell, known as HHP3, exhausted through Stack HHP3, maximum output 3,150 horsepower and heat input of 5.11 million British thermal units per hour; capacity: 39.3 gallons of diesel fuel per hour.
 - (4) One (1) diesel-powered engineering test cell, identified as HHP5, exhausting through Stack HHP5, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, capacity: 39.3 gallons of diesel fuel per hour.
 - (5) One (1) diesel-powered or natural gas-fired outside engine test pad, known as PI, exhausted through Stacks PD1 and PD2, maximum output 6,700 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.
 - (6) One (1) diesel-powered or natural gas-fired engineering engine test cell, known as HHP4, exhausted through Stack HHP4, maximum output 1,350 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.
- (d) Two (2) natural gas-fired boilers with No. 2 fuel oil backup, known as EU-03A and EU-03B, installed in 1978, exhausted through Stacks B1 and B2, respectively, rated at 20.9 million British thermal units per hour, each.
- (e) One (1) top coat spray booth, known as EU-01B, installed in 1995, equipped with dry filters for overspray control, exhausted through Stacks S3 and S4, capacity: three (3) engines per hour.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3]
- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3]
- (c) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3]
- (d) One (1) 25,000 gallon No. 2 diesel storage tank subject to NSPS, 326 IAC 12, Subpart Kb.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the original date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)] [326 IAC 2-7-6(6)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality. [326 IAC 2-7-5(6)(E)]
- (c) The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a

claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit, except those specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act and is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; or
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in condition B, Emergency Provisions.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP and the PMP extension notification do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

B.12 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or

Telephone Number: 317-233-5674 (ask for Compliance Section)

Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except

for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. All previously issued operating permits are superseded by this permit.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(7)]

B.14 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report.

The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
- (2) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:

- (1) That this permit contains a material mistake.
- (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
 - (2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and

reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20 (b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by 326 IAC 2 and 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy any records that must be kept under the conditions of this permit;
- (c) Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]
Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- C.2 Opacity [326 IAC 5-1]
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.
- C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]
The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.
- C.6 Operation of Equipment [326 IAC 2-7-6(6)]
Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.
- C.7 Stack Height [326 IAC 1-7]
The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4(d)(3), (e), and (f), and 326 IAC 1-7-5(d) are not federally enforceable.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.9 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on December 13, 1996.
- (b) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (c) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP).

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.15 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. The compliance monitoring plan can be either an entirely new document, consist in whole of information contained in other documents, or consist of a combination of new information and information contained in other documents. If the compliance monitoring plan incorporates by reference information contained in other documents, the Permittee shall identify as part of the compliance monitoring plan the documents in which the information is found. The elements of the compliance monitoring plan are:

- (1) This condition;
- (2) The Compliance Determination Requirements in Section D of this permit;

- (3) The Compliance Monitoring Requirements in Section D of this permit;
- (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
- (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:
 - (A) Reasonable response steps that may be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking reasonable response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to take reasonable response steps may constitute a violation of the permit.
- (c) Upon investigation of a compliance monitoring excursion, the Permittee is excused from taking further response steps for any of the following reasons:
 - (1) A false reading occurs due to the malfunction of the monitoring equipment. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (e) All monitoring required in Section D shall be performed at all times the equipment is operating. If monitoring is required by Section D and the equipment is not operating, then the Permittee may record the fact that the equipment is not operating or perform the required monitoring.
- (f) At its discretion, IDEM may excuse the Permittee's failure to perform the monitoring and record keeping as required by Section D, if the Permittee provides adequate justification and documents that such failures do not exceed five percent (5%) of the operating time in

any quarter. Temporary, unscheduled unavailability of qualified staff shall be considered a valid reason for failure to perform the monitoring or record keeping requirements in Section D.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
 - (1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly or semi-annual report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (a) One (1) paint spray line, known as EU-01, consisting of the following equipment:
- (1) One (1) primer spray booth, known as EU-01A, installed in 1986, equipped with dry filters for overspray control, exhausted through Stacks S1 and S2, capacity: three (3) engines per hour.
 - (2) One (1) touch-up spray booth, known as EU-01C, installed in 1986, equipped with dry filters for overspray control, exhausted through Stacks S5 and S6, capacity: three (3) engines per hour.
 - (3) One (1) offline spray booth, known as EU-01D, installed in 1986, equipped with dry filters for overspray control, exhausted through Stack S7, capacity: 0.67 engines per hour.
 - (4) One (1) small parts spray booth, known as EU-01F, installed in 1986, equipped with dry filters for overspray control, exhausted through Stacks S8, capacity: three (3) engines per hour.
- (e) One (1) top coat spray booth, known as EU-01B, installed in 1995, equipped with dry filters for overspray control, exhausted through Stacks S3 and S4, capacity: three (3) engines per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating excluding water for extreme performance coatings, delivered to spray applicators in EU-01A, EU-01B, EU-01C, EU-01D and EU-01F, computed on a daily volume weighted average basis. The daily volume weighted average of VOC content shall be calculated using the following formula, where n is the number of coatings (c):

$$\frac{c = n}{3 \text{ coating } c \text{ (gal)} \times \text{VOC content of } c \text{ (lbs/gal, less water)}} \\ c = 1 \\ c = n$$

- (b) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), solvent sprayed from the application equipment during clean up or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.1.2 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the PM from EU-01A, EU-01B, EU-01C, EU-01D and EU-01F shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for EU-01A, EU-01B, EU-01C, EU-01D and EU-01F and any control devices.

Compliance Determination Requirements

D.1.4 Volatile Organic Compounds (VOC)

Compliance with the VOC content limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.5 Particulate Matter (PM)

The dry filters for PM control shall be in operation at all times when EU-01A, EU-01B, EU-01C, EU-01D and EU-01F are in operation.

D.1.6 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (S1, S2, S3, S4, S5, S6, S7 and S8) while one (1) or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stacks and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.7 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limit established in Condition D.1.1.
 - (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) A log of the dates of use; and
 - (3) The volume weighted VOC content of the coatings used each day.
- (b) To document compliance with Condition D.1.5 and D.1.6, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (b) Six (6) production engine test cells, known as EU-02A, installed in 1978, capacity: 142.14 gallons of diesel fuel per hour, total, consisting of the following equipment:
- (1) Three (3) diesel-powered production engine test cells, known as 801, 802, and 803, exhausted through Stacks 801, 802, and 803, respectively, maximum output 765 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
 - (2) Two (2) diesel-powered production engine test cells, known as 804 and 805, exhausted through Stacks 804 and 805, respectively, maximum output 1,500 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
 - (3) One (1) diesel-powered or natural gas-fired production engine test cell, known as 808, exhausted through Stack 808, maximum output 1,500 horsepower on diesel oil or natural gas and heat input of 3.08 million British thermal units per hour on diesel oil or 2.68 million British thermal units per hour on natural gas, capacity: 23.69 gallons of diesel fuel per hour.
- (c) Eight (8) engineering engine test cells, known as EU-02B, installed in 1978, capacity: 314.4 gallons of diesel fuel per hour, total, consisting of the following equipment:
- (1) Two (2) diesel-powered engineering engine test cells, known as 806 and 807, exhausted through Stacks 806 and 807, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (2) Two (2) diesel-powered engineering engine test cells, known as HHP1 and HHP2, exhausted through Stacks HHP1 and HHP2, respectively, maximum output 3,600 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (3) One (1) diesel-powered engineering engine test cell, known as HHP3, exhausted through Stack HHP3, maximum output 3,150 horsepower and heat input of 5.11 million British thermal units per hour; capacity: 39.3 gallons of diesel fuel per hour.
 - (4) One (1) diesel-powered engineering test cell, identified as HHP5, exhausting through Stack HHP5, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, capacity: 39.3 gallons of diesel fuel per hour.
 - (5) One (1) diesel-powered or natural gas-fired outside engine test pad, known as PI, exhausted through Stacks PD1 and PD2, maximum output 6,700 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.
 - (6) One (1) diesel-powered or natural gas-fired engineering engine test cell, known as HHP4, exhausted through Stack HHP4, maximum output 1,350 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

- (a) The total diesel fuel oil delivered to the fourteen (14) engine test cells, known as EU-02A and EU-02B, shall not exceed the amount calculated by the following equation, equivalent to NO_x emissions of 217.9 tons per twelve (12) consecutive month period.

$$\text{NO}_x \text{ emissions} = (\text{Diesel fuel oil burned by engines in EU-02A}) * (0.427 \text{ pounds of NO}_x/\text{gallon of diesel fuel oil}) / (2000 \text{ pounds/ton}) + (\text{Diesel fuel oil burned by engines in EU-02B}) * (0.155 \text{ pounds of NO}_x/\text{gallon of diesel fuel oil}) / (2000 \text{ pounds/ton}) + (\text{Natural gas burned by engines in test cells 808, HHP4 and PI}) * (0.00416 \text{ pounds of NO}_x/\text{cubic foot of natural gas} / (2000 \text{ pounds/ton}) \text{ at a natural gas heat content of } 1,020 \text{ British thermal units per cubic foot})$$

- (b) The NO_x emission factors shall not exceed:
- (1) 0.427 pounds of NO_x per gallon of diesel fuel oil for EU-02A, and
 - (2) 0.155 pounds of NO_x per gallon of diesel fuel oil for EU-02B.
 - (3) 0.00416 pounds of NO_x per cubic foot of natural gas for test cells 808, HHP4 and PI.
- (c) Compliance with the limits in (a) and (b) will insure that the NO_x emissions from the entire source, including insignificant activities will not exceed two hundred and fifty (250) tons per year and makes the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

D.2.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for EU-02A and EU-02B and their control devices.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.3 Visible Emissions Notations

- (a) Visible emission notations of the test cell stack exhausts (801 through 808, HHP1 through HHP5) as well as test pad stack exhausts (PD1 and PD2) shall be performed once per shift during normal daylight operations when burning diesel oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.4 Record Keeping Requirements

- (a) To document compliance with Condition D.2.1, the Permittee shall maintain records in accordance with (1) through (3) below:
 - (1) Calendar dates covered in the compliance determination period; and
 - (2) Actual diesel fuel oil usage in EU-02A and EU-02B since last compliance determination period and equivalent NO_x emissions.
 - (3) Actual natural gas usage in EU-02A and EU-02B since last compliance determination period and equivalent NO_x emissions.
- (b) To document compliance with Condition D.2.3, the Permittee shall maintain records of visible emission notations of the test cell stack exhausts 801 through 808, HHP1 through HHP5, as well as test pad stack exhausts PD1 and PD2 once per shift when burning diesel oil.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (d) Two (2) natural gas-fired boilers with No. 2 fuel oil backup, known as EU-03A and EU-03B, installed in 1978, exhausted through Stacks B1 and B2, respectively, rated at 20.9 million British thermal units per hour, each.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate Matter (PM) Limitation [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3(e), the PM emissions from boilers, EU-03A and EU-03B, shall each be limited to 0.6 pounds per million British thermal units heat input.

D.3.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1] [326 IAC 7-2-1]

Pursuant to 326 IAC 7-1.1 (SO₂ Emissions Limitations) the SO₂ emissions from each of the two (2) boilers, EU-03A and EU-03B shall not exceed five tenths (0.5) pounds per million British thermal units heat input while combusting fuel oil. Pursuant to 326 IAC 7-2-1, compliance shall be demonstrated on a thirty (30) day rolling weighted average. 326 IAC 7-1.1 and 326 IAC 7-2-1 are not federally enforceable.

D.3.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices.

Compliance Determination Requirements

D.3.4 Sulfur Dioxide Emissions and Sulfur Content

Compliance shall be determined utilizing one of the following options for two (2) boilers, EU-03A and EU-03B.

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed five-tenths (0.5) pounds per million British thermal units heat input by:
- (1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification, or;
 - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
 - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
 - (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.
- (b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to any of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.3.5 Visible Emissions Notations

- (a) Visible emission notations of the boiler stack exhausts (B1 and B2) shall be performed once per shift during normal daylight operations while combusting fuel oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.3.6 Record Keeping Requirements

- (a) To document compliance with Condition D.3.2, the Permittee shall maintain records in accordance with (1) through (6) below.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period, the natural gas fired boiler certification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34); and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

- (4) Fuel supplier certifications;
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibra-

tion and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (b) To document compliance with Condition D.3.5, the Permittee shall maintain records of visible emission notations of the boiler stack exhausts once per shift.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.3.7 Reporting Requirements

The Permittee shall certify, on the form provided, that natural gas was fired in each of the boilers at all times during each quarter on a semi-annual basis. Alternatively, the Permittee shall report the number of days during which an alternate fuel was burned during each quarter.

SECTION D.4

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3]
- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3]
- (c) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3]
- (d) One (1) 25,000 gallon No. 2 diesel storage tank subject to NSPS, 326 IAC 12, Subpart Kb.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.4.1 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the allowable PM emission rate from the brazing equipment, cutting torches, soldering equipment, welding equipment, grinding and machining operations shall not exceed allowable PM emission rate based on the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.4.2 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations) for cold cleaning operations constructed after January 1, 1980, the owner or operator shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;

- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.4.3 Volatile Organic Compounds (VOC)

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility construction of which commenced after July 1, 1990 shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
 - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
 - (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990 shall ensure that the following operating requirements are met:

- (1) Close the cover whenever articles are not being handled in the degreaser.
- (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
- (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.4.4 Standards of Performance for Volatile Organic Liquid Storage Vessels [326 IAC 12] [40 CFR 60.116b]

The one (1) 25,000 gallon No. 2 diesel storage tank shall comply with the New Source Performance Standards (NSPS), 326 IAC 12 (40 CFR Part 60.116b, Subpart Kb). 40 CFR Part 60.116b paragraphs (a) and (b) require the Permittee to maintain accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Records shall be kept for the life of the storage tanks.

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.4.5 Standards of Performance for Volatile Organic Liquid Storage Vessels [326 IAC 12] [40 CFR 60.116b]

The Permittee shall maintain accessible records showing the dimension of the storage tank and an analysis showing the capacity of the storage vessel. Records shall be kept for the life of the storage tank. A copy of 40 CFR Part 60, Subpart Kb, is attached.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Cummins Industrial Center
Source Address: 800 East Third Street, Seymour, Indiana 47274
Mailing Address: 800 East Third Street, Seymour, Indiana 47274
Part 70 Permit No.: T 071-7679-00015

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Affidavit (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Cummins Industrial Center
Source Address: 800 East Third Street, Seymour, Indiana 47274
Mailing Address: 800 East Third Street, Seymour, Indiana 47274
Part 70 Permit No.: T 071-7679-00015

This form consists of 2 pages

Page 1 of 2

- 9** This is an emergency as defined in 326 IAC 2-7-1(12)
- ☐ The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
 - ☐ The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH**

**PART 70 OPERATING PERMIT
NATURAL GAS-FIRED BOILER CERTIFICATION**

Source Name: Cummins Industrial Center
Source Address: 800 East Third Street, Seymour, Indiana 47274
Mailing Address: 800 East Third Street, Seymour, Indiana 47274
Part 70 Permit No.: T 071-7679-00015

**This certification shall be included when submitting monitoring, testing reports/results
or other documents as required by this permit.**

Report period

Beginning: _____

Ending: _____

Boiler Affected

Alternate Fuel

Days burning alternate fuel

From

To

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature: _____

Printed Name: _____

Title/Position: _____

Date: _____

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
Part 70 Quarterly Report**

Source Name: Cummins Industrial Center
Source Address: 800 East Third Street, Seymour, Indiana 47274
Mailing Address: 800 East Third Street, Seymour, Indiana 47274
Part 70 Permit No.: T 071-7679-00015
Facilities: Fourteen (14) engine test cells, known as EU-02A and EU-02B
Parameters: Diesel oil and natural gas fuels
Limit: Fuel usage per twelve (12) consecutive month period total, equivalent to 217.9 tons of NO_x per year calculated by the following equation:

NO_x emissions =(Diesel fuel oil burned by engines in EU-02A) * (0.427 pounds of NO_x/gallon of diesel fuel oil)/(2000 pounds/ton)+ (Diesel fuel oil burned by engines in EU-02B) * (0.155 pounds of NO_x/gallon of diesel fuel oil)/(2000 pounds/ ton)+(Natural gas burned by engines in test cells 808, HHP4 and PI) * (0.00416 pounds of NO_x/cubic foot of natural gas / (2000 pounds/ton) at a natural gas heat content of 1,020 British thermal units per cubic foot

YEAR: _____

Month	This Month			Previous 11 Months			12 Month Total		
	Diesel Fuel (gallons) EU-02A	Diesel Fuel (gallons) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Diesel Fuel (gallons) EU-02A	Diesel Fuel (gallons) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Diesel Fuel (gallons) EU-02A	Diesel Fuel (gallons) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B
Month	Natural Gas (cubic ft) EU-02A	Natural Gas (cubic ft) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Natural Gas (cubic ft) EU-02A	Natural Gas (cubic ft) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Natural Gas (cubic ft) EU-02A	Natural Gas (cubic ft) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B
Total NO _x Emissions Diesel Oil & Natural Gas			Month	Month		Month			
12 Month Total (tons)									

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH**

**PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Cummins Industrial Center
Source Address: 800 East Third Street, Seymour, Indiana 47274
Mailing Address: 800 East Third Street, Seymour, Indiana 47274
Part 70 Permit No.: T 071-7679-00015

Months: _____ to _____ Year: _____

Page 1 of 2

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for Part 70 Significant Source and Permit Modifications

Source Background and Description

Source Name:	Cummins Industrial Center
Source Location:	800 East Third Street, Seymour, IN 47274
County:	Jackson
SIC Code:	3519
Operation Permit No.:	T 071-7679-00015
Operation Permit Issuance Date:	January 9, 2001
Significant Source Modification No.:	071-15326-00015
Significant Permit Modification No.:	071-15679-00015
Permit Reviewer:	Frank P. Castelli

The Office of Air Quality (OAQ) has reviewed a modification application from Cummins Industrial Center relating to the construction and operation of the following existing emission units and pollution control devices with an additional fuel.

The existing test cells were only permitted to burn diesel oil. Cummins Industrial Center has requested that three (3) of the cells be permitted to burn natural gas in addition to diesel oil. Since no new test cells are being constructed the following shows the changes to the equipment list that are required to reflect the proposed modification to this source. In addition, the horsepower rating of test cells 804, 805 and 808 has been corrected from 1,350 to 1,500. This does not change any previous emission calculations because the potential to emit was based upon the maximum fuel usage, which has not been revised in the application and not based on the horsepower rating of the engines. In addition, the source is retaining the existing 250 ton per year NO_x emission limit to render the requirements of 326 IAC 2-2 not applicable.

The lettering and numbering from the Part 70 Operating Permit for the emission units have been retained for continuity and to avoid confusion. Therefore, the changes in the existing equipment list are as follows:

- (b) Six (6) ~~diesel-powered~~ production engine test cells, known as EU-02A, installed in 1978, capacity: 142.14 gallons of diesel fuel per hour, total, consisting of the following equipment:
 - (1) Three (3) diesel-powered production engine test cells, known as 801, 802, and 803, exhausted through Stacks 801, 802, and 803, respectively, maximum output 765 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
 - (2) **Two (2)** ~~Three (3)~~ diesel-powered production engine test cells, known as 804; **and** 805, ~~and 808~~, exhausted through Stacks 804; **and** 805, ~~and 808~~, respectively, maximum output **1,500** ~~1,350~~ horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.

- (3) **One (1) diesel-powered or natural gas-fired production engine test cell, known as 808, exhausted through Stack 808, maximum output 1,500 horsepower on diesel oil or natural gas and heat input of 3.08 million British thermal units per hour on diesel oil or 2.68 million British thermal units per hour on natural gas, capacity: 23.69 gallons of diesel fuel per hour.**
- (c) Eight (8) ~~diesel-powered~~ engineering engine test cells, known as EU-02B, installed in 1978, capacity: 314.4 gallons of diesel fuel per hour, total, consisting of the following equipment:
 - (1) Two (2) diesel-powered engineering engine test cells, known as 806 and 807, exhausted through Stacks 806 and 807, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (2) Two (2) diesel-powered engineering engine test cells, known as HHP1 and HHP2, exhausted through Stacks HHP1 and HHP2, respectively, maximum output 3,600 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (3) One (1) diesel-powered engineering engine test cell, known as HHP3, exhausted through Stack HHP3, maximum output 3,150 horsepower and heat input of 5.11 million British thermal units per hour; capacity: 39.3 gallons of diesel fuel per hour.
 - (4) **One (1) ~~Two (2)~~ diesel-powered engineering test cells, identified as ~~HHP4 and HHP5~~, exhausting through Stacks ~~HHP4 and HHP5~~, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.**
 - (5) One (1) diesel-powered **or natural gas-fired** outside engine test pad, known as PI, exhausted through ~~Stacks~~ PD1 and PD2, maximum output 6,700 horsepower **on diesel oil or natural gas** and heat input of 5.11 million British thermal units per hour; **on diesel oil or 4.44 million British thermal units per hour on natural gas**, capacity: 39.3 gallons of diesel fuel per hour.
 - (6) **One (1) diesel-powered or natural gas-fired engineering engine test cell, known as HHP4, exhausted through Stack HHP4, maximum output 1,350 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.**

History

On February 26, 2002, Cummins Industrial Center submitted an application to the OAQ requesting that three (3) of the existing test cells that are currently permitted only to test diesel fired engines to be allowed to also test natural gas fired engines. Additional information received on April 9, 2002 revised the application as to which test cells are proposed to burn natural gas. Cummins Industrial Center was issued a Part 70 Operating Permit for the diesel engine test cells on January 9, 2001.

Since natural gas is a new, previously unpermitted fuel for the test engines, the level of permitting required was determined by the total potential to emit burning this new fuel in the requested engine test cells.

The existing NO_x limit of 250 tons per year will be retained and the condition limiting these NO_x emissions will be revised to account for the proposed natural gas usage.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 Significant Source Modification be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on February 26, 2002. Additional information was received on April 9, 2002.

Emission Calculations

See page 1 of 1 of Appendix A of this document for detailed emissions calculations. The emission factors for gas engine loads of 90% to 105% were used in all calculations as well as to determine the fuel usage to comply with the NO_x limit since these engines can operate at loads greater than 90%.

Potential To Emit of Modification

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA.”

This table reflects the PTE of the modification before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	0.502
PM ₁₀	0.004
SO ₂	0.030
VOC	5.97
CO	16.1
NO _x	207

HAPs	Potential To Emit (tons/year)
1,1,2,2-Tetrachloroethane	0.002
1,1,2-Trichloroethane	0.002
1,1 Dichloroethane	0.001
1,2 Dichloroethane	0.001
1,2 Dichloropropane	0.001
1,3 Butadiene	0.014
1,3 Dichloropropene	0.001
2,2,4 Trimethylpentane	0.013
Acetaldehyde	0.423
Acrolein	0.260
Benzene	0.002
Biphenyl	0.011
Carbon Tetrachloride	0.002
Chlorobenzene	0.002
Chloroethane	0.0001
Chloroform	0.001
Ethylbenzene	0.002
Ethylene Dibromide	0.002
Formaldehyde	2.67
Methanol	0.127
Methylene Chloride	0.001
n-Hexane	0.056
Naphthalene	0.004
Phenol	0.001
Styrene	0.001
Toluene	0.021
Vinyl Chloride	0.001
Xylene	0.009
TOTAL	3.65

Justification for Modification

The Part 70 Operating Permit is being modified through a Part 70 Significant Source Modification. This modification is being performed pursuant to 326 IAC 2-7-10.5(f)(4) since the potential to emit NO_x from the modification exceeds twenty five (25) tons per year.

The proposed operating conditions shall be incorporated into the Part 70 Operating Permit as a Significant Permit Modification (SPM 071-15679-00015) in accordance with 326 IAC 2-7-12(d)(1). The Significant Permit Modification will give the source approval to operate the proposed emission units.

County Attainment Status

The source is located in Jackson County.

Pollutant	Status
PM ₁₀	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Jackson County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.
- (b) Jackson County has been classified as attainment or unclassifiable for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

Source Status

Existing Source PSD Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	28.1
PM ₁₀	28.5
SO ₂	107
VOC	89.3

Pollutant	Emissions (tons/year)
CO	67.3
NO _x	less than 250

- (a) This existing source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the 28 listed source categories.
- (b) These emissions are based upon the Technical Support Document for the Part 70 Operating Permit T 071-7679-00015.

Potential to Emit of Modification After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this Part 70 source modification.

	Potential to Emit (tons/year)						
Process/facility	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
Proposed Modification	0.502	0.004	0.030	5.97	16.1	207	3.65
Existing Source	28.1	28.5	107	89.3	67.3	less than 250	28.6
Total Source with Modification	28.6	28.5	107	95.3	83.4	less than 250	32.3
PSD Threshold Level	250	250	250	250	250	250	-

This modification to an existing minor stationary source is not major because the emission increase is less than the PSD threshold levels. The NO_x emissions from the entire source will still be limited to less than 250 tons per year in order to maintain this existing source's minor PSD status.

The following equation will be used to limit the fuel throughput required to limit NO_x emissions to less than 250 tons per year. Therefore, pursuant to 326 IAC 2-2, and 40 CFR 52.21, the PSD requirements do not apply.

$$\text{NO}_x \text{ emissions} = (\text{Diesel fuel oil burned by engines in EU-02A}) * (0.427 \text{ pounds of NO}_x/\text{gallon of diesel fuel oil})/(2000 \text{ pounds/ton}) \\ + (\text{Diesel fuel oil burned by engines in EU-02B}) * (0.155 \text{ pounds of NO}_x/\text{gallon of diesel fuel oil})/(2000 \text{ pounds/ton}) \\ + (\text{Natural gas burned by engines in test cells 808, HHP4 and PI}) * (0.00416 \text{ pounds of NO}_x/\text{cubic foot of natural gas} / (2000 \text{ pounds/ton}) \text{ at a natural gas heat content of } 1,020 \text{ British thermal units per cubic foot}$$

Federal Rule Applicability

- (a) This significant modification does not involve a pollutant-specific emissions unit with the potential to emit after control in an amount equal to or greater than 100 tons per year. Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are not applicable.
- (b) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this proposed modification.
- (c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20, 40 CFR 61 and 40 CFR Part 63) applicable to this proposed modification.

State Rule Applicability - Individual Facilities

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

The emissions from the existing source with the proposed modification will still be limited to less than two hundred and fifty (250) tons of NO_x per year. Therefore, the requirements of 326 IAC 2-2 and 40 CFR 52.21, are not applicable.

326 IAC 2-4.1-1 (New Source Air Toxics Control)

This modification is minor for a single and combination of HAPs and therefore the requirements of this rule are not applicable to this modification.

Compliance Requirements

There are no additional compliance requirements applicable to this modification.

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in **bold**):

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (b) Six (6) ~~diesel-powered~~ production engine test cells, known as EU-02A, installed in 1978, capacity: 142.14 gallons of diesel fuel per hour, total, consisting of the following equipment:
 - (1) Three (3) diesel-powered production engine test cells, known as 801, 802, and 803, exhausted through Stacks 801, 802, and 803, respectively, maximum output 765 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
 - (2) **Two (2)** ~~Three (3)~~ diesel-powered production engine test cells, known as 804, **and** 805, ~~and 808~~, exhausted through Stacks 804, **and** 805, ~~and 808~~, respectively, maximum output **1,500** ~~4,350~~ horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.

- (3) **One (1) diesel-powered or natural gas-fired production engine test cell, known as 808, exhausted through Stack 808, maximum output 1,500 horsepower on diesel oil or natural gas and heat input of 3.08 million British thermal units per hour on diesel oil or 2.68 million British thermal units per hour on natural gas, capacity: 23.69 gallons of diesel fuel per hour.**
- (c) ~~Eight (8) diesel-powered~~ engineering engine test cells, known as EU-02B, installed in 1978, capacity: 314.4 gallons of diesel fuel per hour, total, consisting of the following equipment:
 - (1) Two (2) diesel-powered engineering engine test cells, known as 806 and 807, exhausted through Stacks 806 and 807, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (2) Two (2) diesel-powered engineering engine test cells, known as HHP1 and HHP2, exhausted through Stacks HHP1 and HHP2, respectively, maximum output 3,600 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (3) One (1) diesel-powered engineering engine test cell, known as HHP3, exhausted through Stack HHP3, maximum output 3,150 horsepower and heat input of 5.11 million British thermal units per hour; capacity: 39.3 gallons of diesel fuel per hour.
 - (4) **One (1) Two (2) diesel-powered engineering test cells, identified as HHP4 and HHP5, exhausting through Stacks HHP4 and HHP5, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.**
 - (5) One (1) diesel-powered **or natural gas-fired** outside engine test pad, known as PI, exhausted through ~~S~~stacks PD1 and PD2, maximum output 6,700 horsepower **on diesel oil or natural gas** and heat input of 5.11 million British thermal units per hour; **on diesel oil or 4.44 million British thermal units per hour on natural gas**, capacity: 39.3 gallons of diesel fuel per hour.
 - (6) **One (1) diesel-powered or natural gas-fired engineering engine test cell, known as HHP4, exhausted through Stack HHP4, maximum output 1,350 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.**

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (b) Six (6) ~~diesel-powered~~ production engine test cells, known as EU-02A, installed in 1978, capacity: 142.14 gallons of diesel fuel per hour, total, consisting of the following equipment:
- (1) Three (3) diesel-powered production engine test cells, known as 801, 802, and 803, exhausted through Stacks 801, 802, and 803, respectively, maximum output 765 horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
 - (2) **Two (2)** ~~Three (3)~~ diesel-powered production engine test cells, known as 804; **and** 805, ~~and 808~~, exhausted through Stacks 804; **and** 805, ~~and 808~~, respectively, maximum output **1,500** ~~1,350~~ horsepower and heat input of 3.08 million British thermal units per hour, each; capacity: 23.69 gallons of diesel fuel per hour, each.
 - (3) **One (1) diesel-powered or natural gas-fired production engine test cell, known as 808, exhausted through Stack 808, maximum output 1,500 horsepower on diesel oil or natural gas and heat input of 3.08 million British thermal units per hour on diesel oil or 2.68 million British thermal units per hour on natural gas, capacity: 23.69 gallons of diesel fuel per hour.**
- (c) Eight (8) ~~diesel-powered~~ engineering engine test cells, known as EU-02B, installed in 1978, capacity: 314.4 gallons of diesel fuel per hour, total, consisting of the following equipment:
- (1) Two (2) diesel-powered engineering engine test cells, known as 806 and 807, exhausted through Stacks 806 and 807, respectively, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (2) Two (2) diesel-powered engineering engine test cells, known as HHP1 and HHP2, exhausted through Stacks HHP1 and HHP2, respectively, maximum output 3,600 horsepower and heat input of 5.11 million British thermal units per hour, each; capacity: 39.3 gallons of diesel fuel per hour, each.
 - (3) One (1) diesel-powered engineering engine test cell, known as HHP3, exhausted through Stack HHP3, maximum output 3,150 horsepower and heat input of 5.11 million British thermal units per hour; capacity: 39.3 gallons of diesel fuel per hour.
 - (4) **One (1)** ~~Two (2)~~ diesel-powered engineering test cells, identified as HHP4 ~~and HHP5~~, exhausting through Stacks ~~HHP4 and HHP5, respectively~~, maximum output 1,350 horsepower and heat input of 5.11 million British thermal units per hour, ~~each~~; capacity: 39.3 gallons of diesel fuel per hour, ~~each~~.
 - (5) One (1) diesel-powered **or natural gas-fired** outside engine test pad, known as PI, exhausted through ~~S~~stacks PD1 and PD2, maximum output 6,700 horsepower **on diesel oil or natural gas** and heat input of 5.11 million British thermal units per hour; **on diesel oil or 4.44 million British thermal units per hour on natural gas**, capacity: 39.3 gallons of diesel fuel per hour.
 - (6) **One (1) diesel-powered or natural gas-fired engineering engine test cell, known as HHP4, exhausted through Stack HHP4, maximum output 1,350 horsepower on diesel oil or natural gas and heat input of 5.11 million British thermal units per hour on diesel oil or 4.44 million British thermal units per hour on natural gas, capacity: 39.3 gallons of diesel fuel per hour.**

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

- (a) The total diesel fuel oil delivered to the fourteen (14) engine test cells, known as EU-02A and EU-02B, shall not exceed the amount calculated by the following equation, equivalent to NO_x emissions of 217.9 tons per twelve (12) consecutive month period.

$$\text{NO}_x \text{ emissions} = (\text{Diesel fuel oil burned by engines in EU-02A}) * (0.427 \text{ pounds of NO}_x/\text{gallon of diesel fuel oil}) / (2000 \text{ pounds/ton}) + (\text{Diesel fuel oil burned by engines in EU-02B}) * (0.155 \text{ pounds of NO}_x/\text{gallon of diesel fuel oil}) / (2000 \text{ pounds/ton}) + (\text{Natural gas burned by engines in test cells 808, HHP4 and PI}) * (0.00416 \text{ pounds of NO}_x/\text{cubic foot of natural gas} / (2000 \text{ pounds/ton}) \text{ at a natural gas heat content of } 1,020 \text{ British thermal units per cubic foot})$$

- (b) The NO_x emission factors shall not exceed:
- (1) 0.427 pounds of NO_x per gallon of diesel fuel oil for EU-02A, and
 - (2) 0.155 pounds of NO_x per gallon of diesel fuel oil for EU-02B.
 - (3) **0.00416 pounds of NO_x per cubic foot of natural gas for test cells 808, HHP4 and PI.**
- (c) Compliance with the limits in (a) and (b) will insure that the NO_x emissions from the entire source, including insignificant activities will not exceed two hundred and fifty (250) tons per year and makes the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.3 Visible Emissions Notations

- (a) Visible emission notations of the test cell stack exhausts (801 through 808, HHP1 through HHP5) as well as test pad stack exhausts (PD1 and PD2) shall be performed once per shift during normal daylight operations **when burning diesel oil**. A trained employee shall record whether emissions are normal or abnormal.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.4 Record Keeping Requirements

- (a) To document compliance with Condition D.2.1, the Permittee shall maintain records in accordance with (1) and (32) below:
- (1) Calendar dates covered in the compliance determination period; and
 - (2) Actual diesel fuel oil usage in EU-02A and EU-02B since last compliance determination period and equivalent NO_x emissions.
 - (3) **Actual natural gas usage in EU-02A and EU-02B since last compliance determination period and equivalent NO_x emissions**
- (b) To document compliance with Condition D.2.3, the Permittee shall maintain records of visible emission notations of the test cell stack exhausts 801 through 808, HHP1 through HHP5, as well as test pad stack exhausts PD1 and PD2 once per shift **when burning diesel oil**.

- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
Part 70 Quarterly Report

Source Name: Cummins Industrial Center
Source Address: 800 East Third Street, Seymour, Indiana 47274
Mailing Address: 800 East Third Street, Seymour, Indiana 47274
Part 70 Permit No.: T 071-7679-00015
Facilities: Fourteen (14) engine test cells, known as EU-02A and EU-02B
Parameters: Diesel oil and natural gas fuels
Limit: Fuel Usage Gallons per twelve (12) consecutive month period total, equivalent to 217.9 tons of NO_x per year calculated by the following equation:

NO_x emissions =(Diesel fuel oil burned by engines in EU-02A) * (0.427 pounds of NO_x/gallon of diesel fuel oil)/(2000 pounds/ton)+ (Diesel fuel oil burned by engines in EU-02B) * (0.155 pounds of NO_x/gallon of diesel fuel oil)/(2000 pounds/ ton)+(Natural gas burned by engines in test cells 808, HHP4 and PI) * (0.00416 pounds of NO_x/cubic foot of natural gas / (2000 pounds/ton) at a natural gas heat content of 1,020 British thermal units per cubic foot

YEAR: _____

Month	This Month			Previous 11 Months			12 Month Total		
	Diesel Fuel (gallons) EU-02A	Diesel Fuel (gallons) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Diesel Fuel (gallons) EU-02A	Diesel Fuel (gallons) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Diesel Fuel (gallons) EU-02A	Diesel Fuel (gallons) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B
Month	Natural Gas (cubic ft) EU-02A	Natural Gas (cubic ft) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Natural Gas (cubic ft) EU-02A	Natural Gas (cubic ft) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B	Natural Gas (cubic ft) EU-02A	Natural Gas (cubic ft) EU-02B	Equivalent NO _x (tons) EU-02A + EU-02B

Total NO _x Emissions Diesel Oil & Natural Gas	Month	Month	Month
12 Month Total (tons)			

- 9 No deviation occurred in this quarter.
9 Deviation/s occurred in this quarter.
Deviation has been reported on:

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Conclusion

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Source Modification No. 071-15326-00015 and Permit Modification No. 071-15679-00015.